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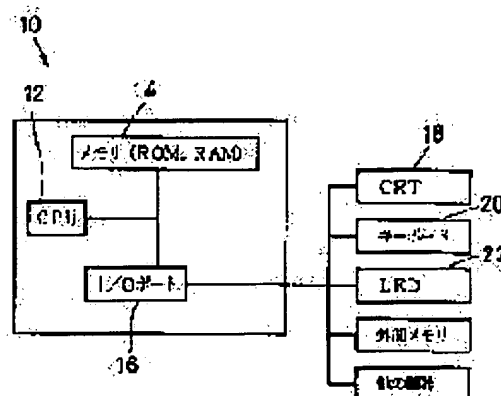
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(54) MULTILAYER BONDING SHEET, MANUFACTURE THEREOF AND METHOD AND SYSTEM FOR CALCULATING MEAN LINEAR EXPANSION COEFFICIENT THEREOF

(57)Abstract:

PROBLEM TO BE SOLVED: To easily design a multilayer bonding sheet superior in dimensional stability by applying a given calculation based on the product value of the linear expansion coefficient, the elastic modulus and the thickness of each of layers.

SOLUTION: The linear expansion coefficient, the elastic modulus and the thickness of a material of each of layers constituting a multilayer bonding sheet are inputted from an input part 20 to a CPU 12 which calculates the product value thereof and adds the product values of the layers to obtain a sum value 1. The CPU 12 calculates the product value of the elastic modulus and the thickness of each layer, adds the product values of the layers to obtain a sum value 2, and divides the sum value 1 by the sum value 2. A combination of a base film with an adhesive layer is selected so that the sheet has a linear expansion coefficient meeting that the linear expansion coefficient difference between the sheet, and a metal foil to be overlaid is less than a value calculated according to $600/\Delta T$, thus forming a multilayer bonding sheet having a good dimensional stability.



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